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Research News

September, 1978
VOLUME XI, NO. 3

Office of Research Services
Wright State University
Dayton, Ohio 45435

IMPORTANT NOTICE TO RESEARCHERS

- I. A. Wright State University has finalized its indirect cost negotiations with our cognizant federal audit agency. The University has been awarded the following rates:

- | | |
|---------------|-----------------------------|
| 1. On-Campus | - 65% of salaries and wages |
| 2. Off-Campus | - 35% of salaries and wages |

These rates will be applied to all extramural funding during the period July 1, 1978 through June 30, 1979, sponsor permitting.

For those grants/contracts where the sponsor does not permit charges of this nature, or when the new rate will jeopardize potential funding, please call University Research Services on extension 2425/6 or 2031.

- B. Effective with the start of the Fall Quarter, Academic Year 1978-79, the tuition reimbursement for full-time graduate students will be \$370.00 per quarter.
- C. The following notice was received from the National Institutes of Health concerning an informal pre-award notice:

Study Section members make judgments on grant applications based on their interpretation of what is presented in the written application and at a site visit. Reviewers and applicants do not always view proposed studies in the same light, and occasional differences of opinion are to be expected. If the principal investigator believes that there are deficiencies, errors, or misunderstandings in the review group's assessment of the application, he or she may submit a revised application, for re-review. The introductory section of the revised grant application should contain: (1) documented rebuttal of the Study Section's criticism, i.e., new information or correction(s) or other changes to reply to the deficiencies pointed out in the Summary Statement and (2) an indication of the modifications in the application that reflect the areas of criticism with which the principal investigator agrees. Additional specific procedural information is listed on page 10 of the Information and Instruction for Application for Research Grant brochure enclosed in each research grant application kit.

Grant and Contract Funding Opportunities

For further information concerning these listed opportunities or information in general concerning grants and contracts, call the Office of Research Services, Room 222 Allyn Hall, phone, 2425/6 or 2031. When requesting information on listed opportunities, refer to the number on the left of each listing.

- 3-1 PUBLIC UNDERSTANDING OF SCIENCE -October 1 deadline for Preliminary Proposals - December 1 deadline for Formal Proposals, National Science Foundation
To be considered for formal proposals, the Public Understanding of Science Program requires that preliminary proposals be submitted at least 8 weeks prior to the formal proposal due date; thus, approximately October 1. Fiscal Year 1979 guidelines have not yet been released by NSF, and the program staff will accept proposals under the existing guidelines (SE-77-60). Preliminary proposals will be considered under the main categories: Improving the Public Understanding of Science, Improving Modes of Communications with the Public, and Studies of the Communication of Scientific Information to the Public. A preliminary proposal should be no longer than five pages and include the following topics: (1) Statement of problem or need for project; (2) Plan of activities, including time schedule; (3) Anticipated results and impact, including plans for dissemination and evaluation; (4) Statement of qualifications of staff; (5) For forums and workshops; selection criteria for speakers, participants, and topics; and (6) Tentative budget.
- 3-2 E.D. BERGMANN MEMORIAL RESEARCH GRANTS (U.S.-Israel Binational Science Foundation) - November 1, 1978 deadline, National Science Foundation
- 3-3 DIVISION OF EARTH SCIENCES - November 1, 1978 deadline, National Science Foundation
Unsolicited Research Proposals are accepted for the following programs: Geochemistry, Geology, and Geophysics (including Earthquake Engineering.)
- 3-4 DIVISION OF MATHEMATICAL AND COMPUTER SCIENCES - November 1, 1978 deadline, National Science Foundation (Proposed starting dates: June through August 1979)
Unsolicited Research Proposals are accepted for the following programs: For Computer Sciences: Computer Systems Design, Intelligent Systems, Software Engineering, Software Systems Science, Special Projects, and Theoretical Computer Science; for Mathematical Sciences: Algebra, Applied Mathematics and Statistics, Classical Analysis and Geometry, Modern Analysis and Probability, and Topology and Foundations
- 3-5 DIVISION OF PHYSIOLOGY, CELLULAR AND MOLECULAR BIOLOGY - November 1, 1978 deadline, National Science Foundation (Proposed starting dates: July through August 1979)
Unsolicited Research Proposals are accepted for the following programs: Biochemistry, Biophysics, Cell Biology, Developmental Biology, Genetic Biology, Human Cell Biology, Metabolic Biology, and Regulatory Biology

- 3-6 NATIONAL NEEDS POSTDOCTORAL FELLOWSHIPS PROGRAM - November 1, 1978 deadline, National Science Foundation
- 3-7 DIVISION OF ENVIRONMENTAL BIOLOGY - November 1, 1978 deadline, National Science Foundation (Proposed starting dates: June through July 1979)
Unsolicited Research Proposals are accepted for the following programs: Ecology, Ecosystem Studies, Population Biology and Physiological Ecology, and Systematic Biology
- 3-8 ENGINEERING RESEARCH INITIATION GRANTS - November 1, 1978 deadline, National Science Foundation
- 3-9 REGIONAL RESEARCH CONFERENCES IN THE MATHEMATICAL SCIENCES - November 1, 1978 deadline, National Science Foundation
- 3-10 DIVISION OF BEHAVIORAL AND NEURAL SCIENCES - November 1, 1978 deadline, National Science Foundation (Proposed starting dates: June through July 1979)
Unsolicited Research Proposals are accepted for the following programs: Anthropology, Memory and Cognitive Processes, Psychobiology, and Sensory Physiology and Perception
- 3-11 LOCAL COURSE IMPROVEMENT PROGRAM - October 6, 1978 deadline, National Science Foundation
The National Science Foundation, through its Division of Science Education Resources Improvement, offers programs designed to improve the capabilities of schools, colleges, and universities for education and research training in the sciences. Proposals under the program will be accepted from any university, 4-year college, or 2-year college in the United States or its territories that offers instruction in the sciences at the undergraduate level. Proposals are sought which request modest (up to \$25,000) support for imaginative undergraduate science teaching improvement projects.
- 3-12 NATIONAL CLEARING HOUSE FOR HEALTH INFORMATION (RFP PL-78-46-KS)
Deadline N/A DHEW-PHS
Contractor needed to assist in the analysis of issues and problems in health information, promotion and prevention activities. Required work will provide the Office of Health Information and Health Promotion with the capability to determine the requirements and structure of the clearing house so that when it is established it can best provide health information on a wide variety of health issues which are of concern to that office.
- 3-13 DEVELOP ANTI-CONVULSANT COMPOUNDS - November 1, 1978 deadline, National Institute of Neurological and Communicative Disorders and Stroke
This program seeks to provide chemists with support for developing new chemotherapeutic agents for the treatment of seizures. Compounds synthesized under these grants may, at the request of the principal investigator, be evaluated in the Epilepsy Branch screening program; results of the screening will then be made available to the chemists who prepared the compounds so that they may refine them to maximize effectiveness and decrease toxicity.

- 3-14 INFANT MORTALITY AND FERTILITY RESEARCH - RFA #AID/DSPE-50149 No Deadline
Department of State, Agency for International Development
Grants available to examine the interrelationships among infant mortality,
fertility rates, and health and nutrition status. The proposed studies
are to focus on (a) documenting the relationships, and (b) means of
modifying these relationships in order to achieve improvements in human
welfare.
- 3-15 NURSING RESEARCH PRE-AND POSTDOCTORAL FELLOWSHIPS - October 1, 1978
deadline, DHEW-HRA-PHS
To prepare qualified professional nurses to conduct nursing research,
collaborate in interdisciplinary research, and function as faculty in
Schools of Nursing at graduate level.
- 3-16 HEMOPHILIA FELLOWSHIPS - October 1, 1978 deadline, National Hemophilia
Foundation
The National Hemophilia Foundation announces its 1979 competitive fellow-
ships in clinical and basic research for studies relating to problems
of hemophilia. Postgraduate applicants engaged in or planning research
in related areas and disciplines are eligible.
- 3-17 HEALTH CARE FINANCING RESEARCH - January 8, 1978 deadline, DHEW-Health Care
Financing Administration
Grants to support projects to develop or demonstrate new financing
mechanisms or controls, management or administrative procedures, service
delivery concepts or technological innovations designed to improve HCFA
programs, or develop knowledge about the basic nature of costs and
inflation in the health care field or the economic and behavioral relation-
ships between health care financing methods and the activities in the
health care sector.
- 3-18 PULMONARY ACADEMIC AWARD - October 1, 1978 deadline, National Heart and
Lung Institute
The dual purpose is to improve the quality of pulmonary curricula and of
fostering research and careers in the respiratory field. Schools of
medicine or osteopathy in the United States are eligible. This program
provides support to develop an identifiable pulmonary curriculum and for
schools that have a pulmonary curriculum that needs strengthening to
improve it, and for schools that need someone to devote a major effort
to the pulmonary curriculum, either to support a member of the staff or to
recruit someone for the purpose.
- 3-19 MEDICAL SCHOOL PULMONARY FACULTY AWARD - October 1, 1978 deadline, National
Heart, Lung and Blood Institute
This program aims at strengthening of Pulmonary Faculties at Schools of
Medicine and Osteopathy by providing support for Junior Faculty to obtain
extensive Pulmonary training at Medical Centers where such training is
offered.
- 3-20 ALCOHOL FELLOWSHIPS - October 1, 1978 deadline, National Institute on
Alcohol Abuse and Alcoholism
To provide support to individuals for predoctoral and postdoctoral research
training in specified alcohol abuse-related areas via an individual
National Research Service Award. (especially in the biomedical/behavioral
shortage areas)

- 3-21 DRUG ABUSE FELLOWSHIPS - October 1, 1978 deadline, National Institute of Drug Abuse
An individual National Research Service Award provides support to individuals for predoctoral and postdoctoral research training in specified drug related areas; and an Institutional National Research Service Grant provides support to enable nonprofit institutions to develop research training opportunities for individuals interested in careers in particular specified drug abuse related fields.
- 3-22 ALCOHOL AND DRUG ABUSE TRAINING - October 1, 1978 deadline, National Institute of Drug Abuse
Career Teacher Training Grants to medical faculty to understand techniques of dealing with alcohol and drug abuse problems.
- 3-23 ALLERGIC DISEASES ACADEMIC AWARD - October 1, 1978 deadline, National Institute of Allergy and Infectious Diseases
Support for up to five years (non-renewable) for young Medical Scientists to develop the necessary qualifications for established academic positions in allergic diseases. Candidates should have a health-professions degree in the clinical sciences (M.D., D.O., D.M.D., D.V.M., or equivalent) and 5-10 years of postdoctoral experience in areas relevant to allergic diseases.
- 3-24 INVESTIGATORSHIP TOXICOLOGY - October 1, 1978 deadline, National Institute of Environmental Health Services
This program allows scientists not now working in the field to undertake research projects advancing the state of the art of evaluating the human health effects of environmental agents.
- 3-25 INSTITUTIONAL AND INDIVIDUAL PRE- AND POST-DOCTORAL RESEARCH FELLOWSHIPS
October 1, 1978 deadline, DHEW-National Institutes of Health, Alcohol, Drug Abuse, and Mental Health Administration (ADAMHA) and Division of Nursing (DN)
To support predoctoral and postdoctoral trainees directly through individual fellowships and indirectly through institutional or training grants in specified areas of biomedical and behavioral research.
- 3-26 ESTABLISHMENT OF A FACILITY FOR TESTING OF PHASE VECTORS FOR RECOMBINANT DNA RESEARCH - RFP-NIH-NIAID-MIDP-79-4 (available September 1, 1978)
RFP deadline October 30, 1978, National Institute of Allergy and Infectious Diseases
This Institute is soliciting proposals from organizations which possess the demonstrated capability to verify the genotypic constitution and phenotypic traits of phase vectors for cloning recombinant DNA molecules, as well as confirming selected performance characteristics. Detailed scope of work will be provided with the Request for Proposal.
- 3-27 MARC VISITING SCIENTIST - October 1, 1978 deadline, National Institute of General Medical Science
These awards are for outstanding scientist-teacher to serve on the faculty of a minority institution and receive their salaries as a stipend during their visiting status.

- 3-28 RENEWAL - LONG-TERM TRAINING PRE AND POSTDOCTORAL - October 1, 1978 deadline, National Institute for Occupational Safety and Health Fellowships for graduate training for practice, teaching and research in occupational safety and health. Stipend Pre-\$3900; Post-\$13,200
- 3-29 RENEWAL SHORT-TERM TRAINING - October 1, 1978 deadline, National Institute for Occupational Safety and Health Support for occupational safety training program of less than one year for professionals and paraprofessional personnel.
- 3-30 TEACHER-INVESTIGATOR AWARDS - October 1, 1978 deadline, National Institute of Neurological and Communicative Disorders and Stroke Support for teacher-investigators for careers in clinical research in neurology, neurosurgery, cerebrovascular disease, neuromuscular disease, neuropathology, otopathology, otolaryngology, audiology, and speech pathology. Candidates must have 3-6 years of postdoctoral training and/or experience.
- 3-31 CENTER FOR POPULATION RESEARCH - Research proposal deadline, November 1, 1978 - February 1, 1979 Fellowship and Postdoctoral deadline, October 1, 1978
The Center for Population Research is emphasizing the need for increasing the amount of behavioral-social science research on population, family planning and reproductive behavior.
- 3-32 PREPARATION OF PERSONNEL IN THE EDUCATION OF THE HANDICAPPED - October 10, 1978 deadline - Bureau of Education for the Handicapped
One of the three programs is the Institution of Higher Education Program. The purpose of this program is to make grants to institutions of higher education to assist them -- (1) in providing training of professional personnel to conduct training of teachers and other specialists in fields related to the education of handicapped children; (2) in providing training for personnel engaged or preparing to engage in employment as teachers of handicapped children, as supervisors of such teachers, or as speech pathologists or audiologists or other special personnel providing special services for the education of such children; and (3) in establishing and maintaining scholarships for training personnel engaged in or preparing to engage in employment as teachers of the handicapped or as related specialists.
- 3-33 ROCKEFELLER FOUNDATION HUMANITIES FELLOWSHIPS - October 1, 1978 deadline, Rockefeller Foundation
The Rockefeller Foundation has announced its program of awards for 1978-1979 to support the production of works of humanistic scholarship intended to illuminate and assess the values of contemporary civilization. The focus will be on the contemporary experience and its dilemmas as well as on long-range, perennial, and universal human concerns.